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(71)Applicant : TORAY IND INC

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(72)Inventor : NOBUMASA HITOSHI
KANAI SHOZO

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(54) POLYMER SEQUENCE FIXED DISC AND DETECTION METHOD BY FIXED POLYMER SEQUENCE

(57)Abstract:

PROBLEM TO BE SOLVED: To increase the sensitivity through reduction of background noise or the degree of freedom in repetitive measurement by enhancing the efficiency based on the high rate detection of polymer sequence, designation of detecting position (random access), and the like. SOLUTION: The disc has a fixed polymer sequence, and the detection method comprises a step for fixing the polymer sequence, a step for touching a labeled specimen to the fixed polymer sequence, a step for interacting the fixed polymer sequence and a specimen solution, and a step for detecting a signal from a labeled material being traveled under exciting radiation light by rotating the disc.